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Job Step/Task	Hazard	Control(s)	Before Additional Controls					Control(s) Added to Reduce Risk	After Additional Controls					% Risk Reduction	
			Stressor	# of People A	Frequency B	Severity C	Likelihood D		Risk* AxBxCxD	Stressors	# of People A	Frequency B	Severity C		Likelihood D
Working with noise generating <u>portable</u> tools (e.g. shop vac)	Hearing loss; injury due to decreased safety awareness	Area & personnel monitoring; labeling equipment/posting area; limited access to noise area, PPE (muffs, canal caps, earplugs); Work Planning (ESRs & WPs); Noise & Hearing Conservation, Training and Medical Surveillance, Tier I Inspections	Y	2	2	1	2	8							
Work with <u>stationary</u> noise generating equipment (Machine Shop, cut off saw, etc.)	Hearing loss, injury due to decreased safety awareness	Engineering evaluation, Posting on equipment and/or general area; PPE (muffs, canal caps, ear plugs); Work Planning & Control, Noise & Hearing Conservation Training and Medical Surveillance; personal & area monitoring; limited access to noise area	N	1	2	1	2	4							

EENS Job Risk Assessment

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Job Step/Task	Hazard	Control(s)	Before Additional Controls						Control(s) Added to Reduce Risk	After Additional Controls						% Risk Reduction
			Stressor	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD		Stressors	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	
Working with lab equipment, (e.g., sonicator)	Hearing loss; injury due to decreased safety awareness	Labeling equipment & area posting; Work Planning (ESR/WP); engineering controls; PPE (muffs, canal caps, earplugs); Work Planning (ESRs & WPs); Noise & Hearing Conservation, Training, limited access to area	N	1	2	1	1	2								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20	21 to 40	41-60						61 to 80	81 or greater						
	Negligible	Acceptable	Moderate						Substantial	Intolerable						

Changes, Rev. 1 - (Review Team Members L. Bowerman, P. Carr, J. Madaia, J. Peters, E. Hoey, Y. Celebi)

Corrected typographical errors and clarified tasks/hazard/controls; removed "Impact Noise Source" Task - task no longer being performed.